

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

January 18, 2017
(877) 848-7030; Passcode 5921807

CRITICAL PATH ITEMS		
NERT	NEVADA	AECOM
<ol style="list-style-type: none"> 1. Submittal of 60% weir design package to NDEP on 1/3/17. Expedited completion of revised 60% and "75%" design in progress as requested by BOR and CC. 2. NERT to coordinate EA meeting w/ BOR 3. Submittal of draft 2017 Trust budget. 	<ol style="list-style-type: none"> 1. Awaiting comments from BWPC on weir dewatering treatment NPDES application submitted on 12/28/16. 2. Awaiting issuance of new Minor Source Air Permit from DAQ. 	

GWETS STATUS			
GW-11	FBR	IX	LIFT STATIONS / WELL FIELDS
<ul style="list-style-type: none"> • Offline (EQ) • Volume 46.92 MG; W/W + ~4.0 MG 	<ul style="list-style-type: none"> • Condition normal. 	<ul style="list-style-type: none"> • System readiness has been achieved. • Working with NDEP and US EPA on initial system tasking. 	<ul style="list-style-type: none"> • All Lift Stations operating normal. • Preparation to implement LS#2 Corrective Action Plan.

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Community Involvement	Revision of CIP for Phase 3 in progress.	Submittal of CIP to NDEP; Preparation and transmittal of mailing and scheduling of meeting.	Wk 12/12 75%
RI Phase 2 Access Agreements	Identification of access requirements in progress.	Communication with the various entities.	Ongoing
Soils / Groundwater Investigation	Phase 2 RI mobilization in progress.	Phase 2 RI field investigation implementation (early February).	Wk 7/46 7%
Soils Investigation (Unit 4/5)	68 borings have been completed; Groundwater well installed north of Unit 4 sampled on 1/3/17.	Receipt of analytical and preparation of reporting.	Wk 29/44 ¹ 80%
Treatability Study : Flushing	Preparation of Treatability study results report in progress.	Report submittal in January.	Wk 31/24 90%
GW Modeling – Phase 5	Phase 5 model submitted on 11/16/16 and under NDEP review.	Review of NDEP comments on Phase 5 model (when received); Scheduling of roundtable meeting w/ Stakeholders.	TBD
Source ID : Chloroform	On hold - awaiting data from unit building and RI Phase 2 investigations.	-	-
Operations Area Baseline HRA	Met with NDEP on 12/19/16 to discuss comments and agree on path forward. Comments on Broadbent meeting minutes submitted.	Revise COPC/EU Report in accordance with comments once concurrence on meeting summary is obtained.	TBD
RI Work Plan Amend. : SWF GWB Treatability Study	Geophysical survey complete.	Exploratory soil borings/wells to be installed in late-February.	TBD
RI Work Plan Amend. : IWF In-Situ Treatability Study (Cr)	Well installation complete in AP Area; Baseline sampling being scheduled.	Conduct baseline sampling; Install CRB wells; Begin injections.	Wk 13/55 25%

¹ Project schedule through submittal of the 2nd Mobilization Sampling Tech Memo.

* **BOLD** items indicate change in task status

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TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
RI Work Plan Amend. : Soil Flushing Pilot (CRB)	Submittal in 2017.	-	TBD
RI Work Plan Amend. : TDS Impacts in UMCf	Preparation of work plan in progress.	Submittal of work plan as RI addendum.	Wk 39/38 85%
RI Work Plan Amend. : TDS Impacts on Remediation and GWETS	Preparation of work plan in progress.	Schedule late-January/early-February meeting w/ NDEP to discuss project work plan prior to submittal.	Wk 24/12 90%
Eastside (Common Area) Investigation Work Plan	Incorporation of BRC data into database and work plan preparation.	NERT to meet w/ NDEP/EPA to discuss RAOs on 2/22/16 prior to WP submittal.	Wk 9/16 45%

NDEP DOWNGRADIENT INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
AECOM TASK 130 General WP Documents	Submitted of Work Plan for the next data collection effort (see Task 170).	HASP and QAPP updates as needed.	See Task 170
AECOM TASK 131 EA for LVW/BOR Area	SF-299 for geophysical pilot confirmation borings submitted to BOR 1/11/17. Realignment between NERT/NDEP/AECOM and BOR in progress.	TBD	Wk 25/105 25%
AECOM TASK 151 SW Investigation Plan	Issued Final SWIP on 12/27/16.	Staff gage installation 1/23 – 1/27; Transect sampling 1/30 – 2/3; Discreet grab sampling 2/6 – 2/10.	Wk 24/48 30%
AECOM TASK 160 Geophysical Pilot Test Plan	See task 131 above.	See task 131 above.	Wk 54/72 60%
AECOM TASK 170 GW Investigation	Final Transducer Installation Plan submitted on 12/27/16. Submitted Preliminary Draft Phase 1 GW Well Installation Plan to NDEP on 1/8/17.	Address NDEP/NERT comments.	Wk 15/67 15%

GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
ETI Work Authorizations / Amendments	<u>In Negotiation</u> <ul style="list-style-type: none"> Secondary containment upgrades IWF data capture updates IWF VFD upgrades GW sampling amendments AP-5 Treatment amendment 	-	ONGOING
AP-5 Solids Removal	Removal of abandoned infrastructure 90% complete; 40+ unanticipated items discovered to date. Removal of remaining items planned once pond is dry. Double walled containment piping installed; Slurring and transfer of material underway - ~65% of solids have been transferred.	Completion of mixing/transfer of AP-5 material and removal of abandoned infrastructure.	Wk 52/55 77%

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GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>GWETS/NET</u>	NERT continuing negotiations with UPRR; v1.0 site to be rolled out 1/18/17.	Receive initial feedback from NDEP/USEPA; Completion of minor point-upgrades.	v1.0 Complete
Pipeline Flow Evaluation	NDEP approval on project received 8/18. Initial implementation costs inclusive to 2017 budget.	Work to begin upon approval of 2017 budget.	TBD
Pipeline Easements	Title search complete. Approx. 75% of pipeline appears to have significant easement issues.	NERT to determine strategy and budget for continuation of the project.	70%
Water Management Plan	NERT determining multi-year strategy for GW-11 replacement, AP-5 treatment and continued implementation of the COP.	NERT to present strategy to NDEP/EPA.	January
<u>AP Area Soil Flushing Treatability Study</u>	Project implementation in progress. More than 3,200 lbs. of ClO4 removed from environment.	Completion of flushing plots. <i>Overall project progress to be reported during COP meetings.</i>	Wk 13/54 22%
<u>Minor Source Air Permit Renewal</u>	Submittal of package to Clark County DAQ 9/21; Submitted initial RTC on 11/16/16. Submitted information in response to additional comments on 1/6/17.	Public notice of draft permit	-

OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>Perchlorate Migration to TIMET</u>	EE/CA path to resume; NERT to work with NDEP on letter.	Work plan to be prepared upon approval of 2017 budget.	TBD
Stormwater Conveyance Modification / East-side Grading	All on-site effort is complete. Project documentation and TIMET report preparation in progress.	Submittal of documentation to TIMET.	Wk 52/36 90%
<u>Parcels Risk Assessment</u>	Met with NDEP on 12/19/16 to discuss comments and agree on path forward. Comments on Broadbent meeting minutes submitted.	Revision of Soil Gas HRA based on receipt of Final Comments and agreements in 12/19/16 meeting. Revisions to Soil HRA following receipt of input from NDEP on Parcel H rad data and Parcel H DVSR letter.	Dep. on NDEP data review
Parcel C Soil removal	Completed evaluation of analytical results to define extent of contamination. Coordination of access routes with Tronox in progress.	Soil removal anticipated in January 2017.	Wk 22/30 35%
<u>SMP, Revision 3</u>	SMP revisions submitted to NDEP on 12/28/2016.	Address any NDEP comments on SMP Revisions, Revision 3.	TBD

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NDEP ORDER : SNWA WEIRS GROUNDWATER TREATMENT			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
EE/CA	No public comment received. Trust provided NDEP draft Action Memorandum on 12/20.	NDEP to provide comment on draft Action Memorandum.	Ongoing
Land Access : BOR	Initial access granted for pre-design investigation; NERT to schedule meeting w/ BOR re: EA as requested.	NERT to prepare EA for BOR review.	Ongoing
Land Access : CC	NERT met w/ Clark County on 12/13/16 and verified the permitting strategy. Land use permitting has been waived.	NERT to prepare and submit the following design packages: <ul style="list-style-type: none"> • Sunrise Mountain Pump Station Design • Historical Lateral Pump Station Design • Pipeline Design 	ASAP
Treatment System Design	Submittal of 60% design package to BOR 1/3/17. Preparation of revised 60% and "75%" package underway as requested by BOR and CC.		ASAP
Treatment System Procurement	Long-lead equipment ordering in-progress (IX, Pumps, Multimedia Filters, Hydro-cyclone, etc.).	NERT to submit monthly progress reporting beginning in January.	Ongoing

TRUST ADMINISTRATION			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Budget Status	Written approval received for 2016-02.	Submittal of 2017 budget.	Ongoing
Stakeholder Relations	Preparing cash flow forecast for MWD	Technical meeting scheduled 2/23 in lieu of Q1 call. Annual meeting scheduled for March 29-30.	Ongoing
Tronox LTCA Projects	14 active projects; 1 projects approval pending.	Invoice 105 to be submitted.	Ongoing
BWC / BEC Negotiations	In Progress <ul style="list-style-type: none"> • LS#2 easement amendment • RI Phase 2 access agreement 	To Be Discussed <ul style="list-style-type: none"> • Corrective easements for pipelines 	Ongoing
Tronox SLMW Delivery Infrastructure and Charges	Tronox 15 business day review period complete for meter installation project; NERT determining costs for "upper loop" repair. Three meters installed.	NERT to install two additional meters and engage Tronox re: "upper loop" repairs.	Ongoing
Chlorine Line	Ongoing negotiation with all parties.	NERT to discuss with NDEP when appropriate.	Ongoing
BMI Complex Sanitary	NDEP awaiting status report from BMI.		Ongoing
4 th Street Paving	NERT performed minor repairs; awaiting additional information from BMI.		Ongoing
Sale of Parcel E (+ Western Slice)	Henderson GW, LLC will be seeking an easement instead of a purchase.	NERT to negotiate easement terms and present to NDEP.	Ongoing
Perchlorate Reimbursement	Received NDEP / USEPA comment on draft 2015 claim; NERT to discuss w/ US EPA.	Submittal of 2015 claim.	Ongoing

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TRUST ADMINISTRATION			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
AIG Claims	Jan-Apr 2016 submitted 9/12. May – June 2016 submitted 12/5.		Ongoing
Tronox Escrow	NERT to resolve when appropriate.		TBD
Financial Reporting	November report distributed; Preparing December report.	Distribution of December report.	Ongoing
Tronox Lease Matters (Confidential)	Next steps to be outlined in 2017 budget submittal.		

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